

**LIST OF REFERENCES CITED BY APPLICANT**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
**305158-999193**  
(Formerly 6750-195-999)

APPLICATION NO.  
**10/669,875**

APPLICANT  
**CHEN et al.**

FILING DATE  
**09-23-03**

GROUP  
**1614**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	A01	5,039,680	08-13-91	Imperato et al.	514	304	
W	A02	5,075,341	12-24-91	Mendelson et al.	514	282	
W	A03	5,198,459	03-30-93	Imperato et al.	514	397	
W	A04	5,232,934	08-03-93	Downs	514	345	
W	A05	5,556,837	09-17-96	Nestler et al.	514	21	
W	A06	5,556,838	09-17-96	Mayer et al.	514	25	
W	A07	5,574,052	11-12-96	Rose et al.	514	343	
W	A08	5,762,925	06-09-98	Sagen	424	93.7	
W	A09	6,109,269	08-29-00	Rise et al.	128	898	
W	A10	6,204,284	03-20-01	Beer et al.	514	412	
W	A11	5,922,872	07-13-99	Cook et al.	544	368	
W	A12	5,473,072	12-05-95	Mezei et al.	544	295	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	A13	EP 0 634 411 A	01-18-95	EPO			XX	
W	A14	JP 06 310786 A	01-18-88	Japan			XX	
W	A15	WO 99/37304	07-29-99	PCT				
W	A16	WO 02/08221 A2	01-31-02	PCT				
W	A17	WO 02/16318 A1	02-28-02	PCT				
W	A18	WO 02/072536 A1	09-19-02	PCT				
W	A19	WO 02/076946 A2	10-03-02	PCT				
W	A20	WO 02/076946 A3	10-03-02	PCT				

**OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.)

VP	A21	Bartho et al., "Involvement of Capsaicin-Sensitive Neurones in Hyperalgesia and Enhanced Opioid Antinociception in Inflammation," Naunyn-Schmiedeberg's Archives of Pharmacology, 342:666-670 (1990)
	A22	Berkow et al., "The Merck Manual of Medical Information," pp. 345-350, 1997.
	A23	Berkow et al., "The Merck Manual of Medical Information," pp. 352-355, 1997.
	A24	Berkow et al., "The Merck Manual of Medical Information," pp. 496-500, 1997.
	A25	Berkow et al., "The Merck Manual of Medical Information," pp. 525-526, 1997.
	A26	Berkow et al., "The Merck Manual of Medical Information," pp. 528-530, 1997.
	A27	Berkow et al., "The Merck Manual of Medical Information," pp. 530-532, 1997.
	A28	Berkow et al., "The Merck Manual of Medical Information," pp. 631-634, 1997.
	A29	Buchwald et al., "Long-term, Continuous Intravenous Heparin Administration by an Implantable Infusion Pump in Ambulatory Patients with Recurrent Venous Thrombosis," Surgery 88:507 (1980)
	A30	Chiamulera et al., "Reinforcing and Locomotor Stimulant Effects of Cocaine are Absent in mGluR5 Null Mutant Mice," Nature Neuroscience 4(9):873-874 (2001)
	A31	Cooke, "Glycopyrrolate in Bladder Dysfunction," SA Medical Journal, 63:3 (1983)
	A32	D'Amour et al., "A Method for Determining Loss of Pain Sensation," J. Pharmacol. Exp. Ther. 72:74-79 (1941)
	A33	Di Marzo et al., "Endovanilloid Signaling in Pain," Current Opinion in Neurobiology 12:372-379 (2002)
	A34	Dogrul et al., Peripheral and Spinal Antihyperalgesic Activity of SIB-1757, a Metabotropic Glutamate Receptor (mGluR <sub>2</sub> ) Antagonist, in Experimental Neuropathic Pain in Rats," Neuroscience Letters 292(2):115-118 (2000)
	A35	During et al., "Controlled Release of Dopamine from a Polymeric Brain Implant: In Vivo Characterization," Ann. Neurol. 25:351 (1989)
	A36	Foley, "Pain" Cecil Textbook of Medicine, pp. 100-107, (1996)
	A37	Fundytus et al., "Antisense Oligonucleotide Knockdown of mGluR <sub>1</sub> Alleviates Hyperalgesia and Allodynia Associated with Chronic Inflammation," Pharmacology, Biochemistry & Behavior 73:401-410 (2002)
	A38	Fundytus et al., "Effect of Activity at Metabotropic, as well as Ionotropic (NMDA), Glutamate Receptors on Morphine Dependence," British Journal of Pharmacology 113:1215-20 (1994)
	A39	Fundytus et al., "In Vivo Antinociceptive Activity of Anti-Rat mGluR <sub>1</sub> and mGluR <sub>2</sub> Antibodies in Rats," NeuroReport 9:731-735 (1998)
	A40	Fundytus et al., "Knockdown of Spinal Metabotropic Glutamate Receptor 1 (mGluR <sub>1</sub> ) Alleviates Pain and Restores Opioid Efficacy After Nerve Injury in Rats," British Journal of Pharmacology 132:354-367 (2001)
	A41	Fundytus, "Glutamate Receptors and Nociception Implications for the Drug-Treatment of Pain," CNS Drugs 15:29-58, (2001)
	A42	Goodman and Gillman's The Pharmaceutical Basis of Therapeutics 506, 901-915 (L. Brunton, author; J. Hardman and L. Limbird eds., 9 <sup>th</sup> ed. 1996).
	A43	Hargreaves et al., "A New and Sensitive Method for Measuring Thermal Nociception in Cutaneous Hyperalgesia," Pain 32(1):77-88 (1988)
	A44	Herzog et al., "Urinary Incontinence: Medical and Psychosocial Aspects," Annu. Rev. Gerontol. Geriatr. 9:74-119, (1989)
	A45	Howard et al., "Intracerebral Drug Delivery in Rats with Lesion-Induced Memory Deficits," J. Neurosurg. 71:105 (1989)
	A46	Jhamandas et al., "Spinal Amino Acid Release and Precipitated Withdrawal in Rats Chronically Infused with Spinal Morphine," The Journal of Neuroscience 16(8):2758-66 (April 15, 1996)
	A47	Kim, "An Experimental Model for Peripheral Neuropathy Produced by Segmental Spinal Nerve Ligation in the Rat," Pain 50(3):355-363 (1992)
	A48	Komissarov et al., Chemical Abstracts, Columbus, Ohio, US, abstract no. 115:105837z: "Anxiolytic Activity of 1-(2-Pyrimidinyl) Piperazine Deriv.," Khim.-Farm. Zh., vol. 25, no. 3, 1991, pages 40-42, USSR (and English language abstract)
W	A49	Langer, "New Methods of Drug Delivery," Science 249:1527-1533 (1990)

W	A50	Levin et al., "Direct Measurement of the Anticholinergic Activity of a Series of Pharmacological Compounds on the Canine and Rabbit Urinary Bladder," <i>The Journal of Urology</i> , 128:396-398 (1982)
	A51	Levy et al., "Inhibition of Calcification of Bioprosthetic Heart Valves by Local Controlled-Release Diphosphonate," <i>Science</i> 228:190 (1985)
	A52	Masu et al., "Sequence and Expression of a Metabotropic Glutamate Receptor," <i>Nature</i> , 349:760-765 (1991)
	A53	Miller et al., "Growth Factor Upregulation of a Phosphoinositide-Coupled Metabotropic Glutamate Receptor in Cortical Astrocytes", <i>The Journal of Neuroscience</i> 15(9):6103-6109 (1995)
	A54	Mirakhur et al., "Glycopyrrolate: Pharmacology and Clinical Use," <i>Anaesthesia</i> 38:1195-1204 (1983)
	A55	Ossowska et al., "Blockade of the Metabotropic Glutamate Receptor Subtype 5 (mGluR5) Produces Antiparkinsonian-Like Effects in Rats," <i>Neuropharmacology</i> 41:413-420 (2001)
	A56	Langer et al., "Chemical and Physical Structure of Polymers as Carriers for Controlled Release of Bioactive Agents: A Review," <i>J. Macromol. Sci. Rev. Macromol. Chem.</i> 23:61 (1983)
	A57	Resnick, "Urinary Incontinence," <i>Lancet</i> 346:94-99 (1995)
	A58	Saudek et al., "A Preliminary Trial of the Programmable Implantable Medication System for Insulin Delivery," <i>N. Engl. J. Med.</i> 321:574 (1989)
	A59	Sefton, "Implantable Pumps," <i>CRC Crit. Ref. Biomed. Eng.</i> 14:201 (1987)
	A60	Seltzer et al., "A Novel Behavioral Model of Neuropathic Pain Disorders Produced in Rats by Partial Sciatic Nerve Injury," <i>Pain</i> 43:205-218 (1990)
	A61	Sharif et al., "Attenuation of Morphine Tolerance After Antisense Oligonucleotide Knock-Down of Spinal mGluR1," <i>British Journal of Pharmacology</i> 136:865-72 (2002)
	A62	Spooren et al., "Novel Allosteric Antagonists Shed Light on mglu <sub>5</sub> Receptors and CNS Disorders," <i>Trends in Pharmacological Sciences</i> , 22(7):331-337 (2001)
	A63	Stein, "Unilateral Inflammation of the Hindpaw in Rats as a Model of Prolonged Noxious Stimulation: Alterations in Behavior and Nociceptive Thresholds," <i>Pharmacology Biochemistry and Behavior</i> 31:451-455 (1988)
	A64	Tatarczynska et al., "Potential Anxiolytic- and Antidepressant-Like Effects of MPEP, a Potent, Selective and Systemically Active mGlu5 Receptor Antagonist," <i>British Journal of Pharmacology</i> 132(7):1423-1430 (2001)
	A65	Treit, "Animal Models for the Study of Anti-Anxiety Agents: A Review," <i>Neuroscience &amp; Biobehavioral Reviews</i> 9(2):203-222 (1985)
	A66	Walker et al., "Metabotropic Glutamate Receptor Subtype 5 (mGlu5) and Nociceptive Function. I. Selective Blockade of mGlu5 Receptors in Models of Acute, Persistent and Chronic Pain," <i>Neuropharmacology</i> 40:1-9 (2001)
W	A67	Wein, "Pharmacology of Incontinence," <i>Urologic Clinics of North America</i> , 22(3):557-577 (1995)

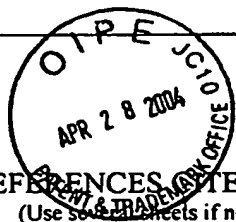
EXAMINER

V. Balasubramanyam

DATE CONSIDERED

9/2/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Zhengming CHEN et al.

FILING DATE

September 23, 2003

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1614

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LM	B01	5,015,642	05-14-91	Lerch et al.			
LM	B02	5,025,010	06-18-91	Oekonomopulos et al.			
LM	B03	5,081,113	01-14-92	Claussner et al.			
LM	B04	5,108,996	04-28-92	Claussner et al.			
LM	B05	5,130,315	07-14-92	Ong et al.			
LM	B06	5,143,923	09-01-92	Hrib et al.			
LM	B07	5,473,072	12-05-95	Mezei et al.			
LM	B08	5,478,823	12-26-95	Shibayama et al.			
LM	B09	5,486,517	01-23-96	Downing et al.			
LM	B10	6,346,622	02-12-02	Lubisch et al.			
LM	B11	6,414,157	07-02-02	Lubisch et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
LM	B12	JP 63-010760	01-18-88	Japan (w/ English Abstract)			X	
LM	B13	GB 2 201 417 A	09-01-88	United Kingdom.				
LM	B14	DE 3714371 A1	11-10-88	Germany (w/ English Abstract)			X	
LM	B15	WO 98/15546	04-16-98	PCT				
LM	B16	WO 00/41697	07-20-00	PCT (w/ English Abstract)			X	
LM	B17	Int. Search Report of PCT/US 03/30187	02-16-04	PCT				

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

LM	B18	Abramets et al., "Serotonergic and Dopaminergic Mechanisms of the Action of 1-Pyrimidinylpiperazine Derivatives," <i>Eksp. Klin. Farmakol.</i> 55(3):8-11 (1992) (original text in Russian w/ English Abstract)						
LM	B19	Dianov et al., "Synthesis and Immunotropic Activity of Thiazole [3,2-A] Benzimidazole Derivatives," <i>Khimiko-Farmatsevticheskii Zhurnal</i> 25(1):40-41 (1991) (original text in Russian w/ English Abstract)						

W	B20	Ishizumi et al., "Synthesis and Anxiolytic Activity of <i>N</i> -Substituted Cyclic Imides (1 <i>R</i> *,2 <i>S</i> *,3 <i>R</i> *,4 <i>S</i> *)- <i>N</i> -[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-2,3-bicyclo[2.2.1]heptanedicarboximide (Tandospirone) and Related Compounds," <i>Chem. Pharm. Bull.</i> 39(9):2288-2300 (1991)
M	B21	Kartal et al., "Liquid Chromatographic Method for the Analysis of Buspirone HCl and Its Potential Impurities," <i>Journal of Chromatographic Science</i> 38:151-156 (2000)
W	B22	Naletov et al., "Analysis of Structure-Antiemetic Activity Relations of Piperazinylalkyl Derivatives of Cyclic Imides," <i>Khimiko-Farmatsevticheskii Zhurnal</i> 31(9):35-40 (1997) (original text in Russian w/ English Abstract)
W	B23	Welch et al., "A General Synthetic Method Suitable for the Introduction of Deuterium or Tritium in Buspirone Type Anxiolytic Agents," <i>Journal of Labelled Compound and Radiopharmaceuticals</i> 27(6):701-706 (1988)

EXAMINER <i>V. Balasubraman</i>	DATE CONSIDERED <i>9/2/08</i>
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